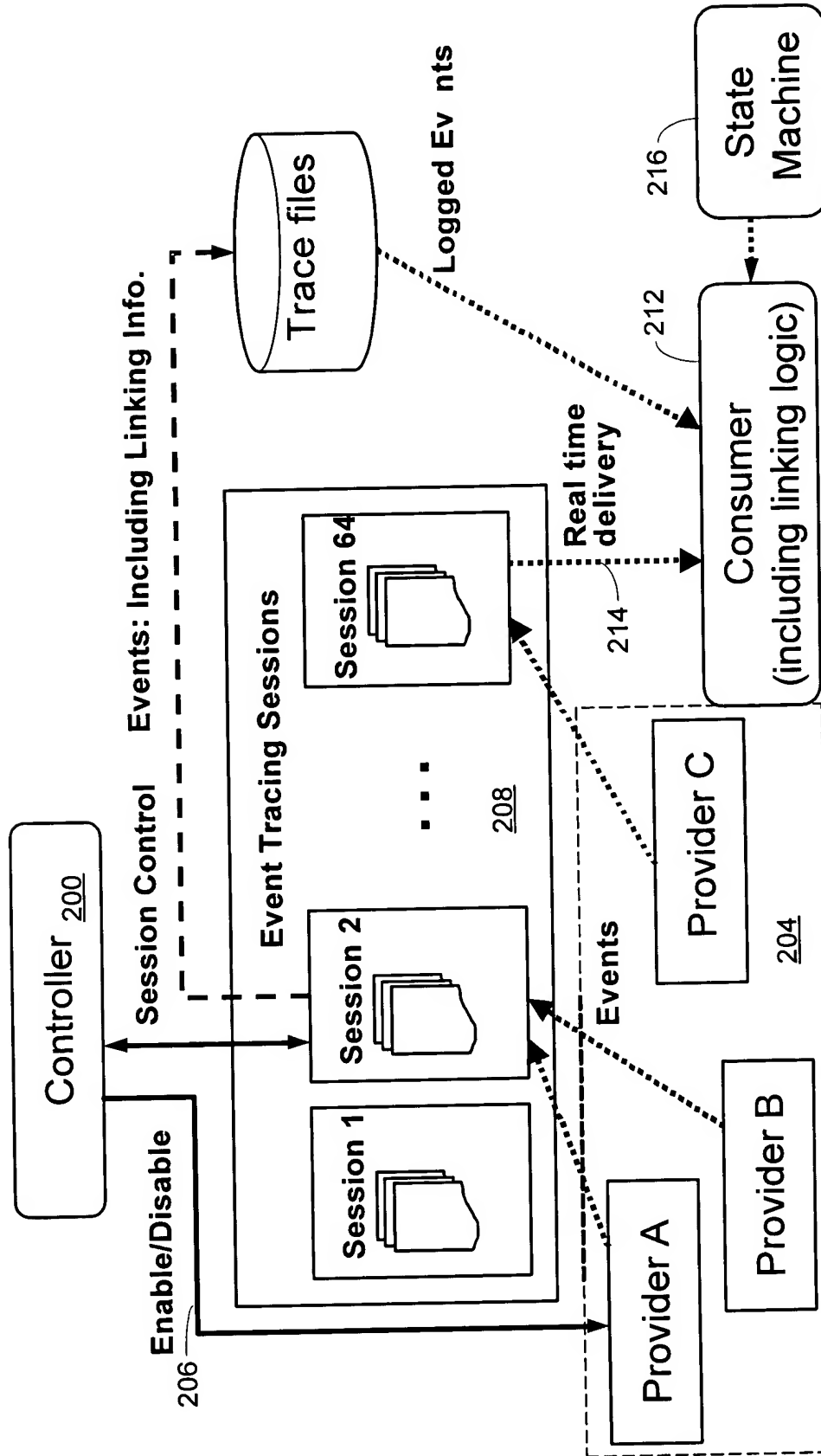


FIG. 1



300 Thread ID
302 Process ID
304 Time Stamp
306 Event GUID
308 Event Type
310 Instance ID
312 Parent Instance ID
314 Parent Event GUID
316 Machine Name

FIG. 3a

320 Source IP Address
322 Destination IP Address
324 Source Port
326 Destination Port
328 Size of Transfer (in
bytes)
330 Process ID

FIG. 3b

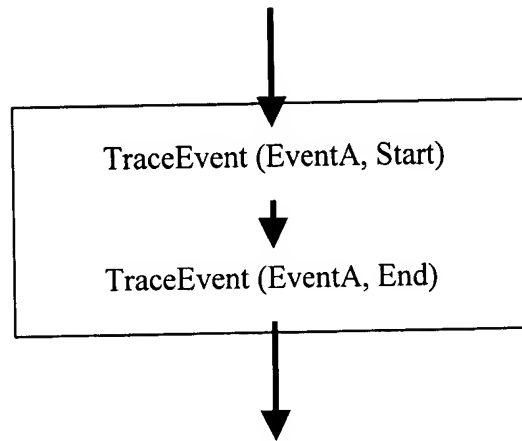


FIG. 4a

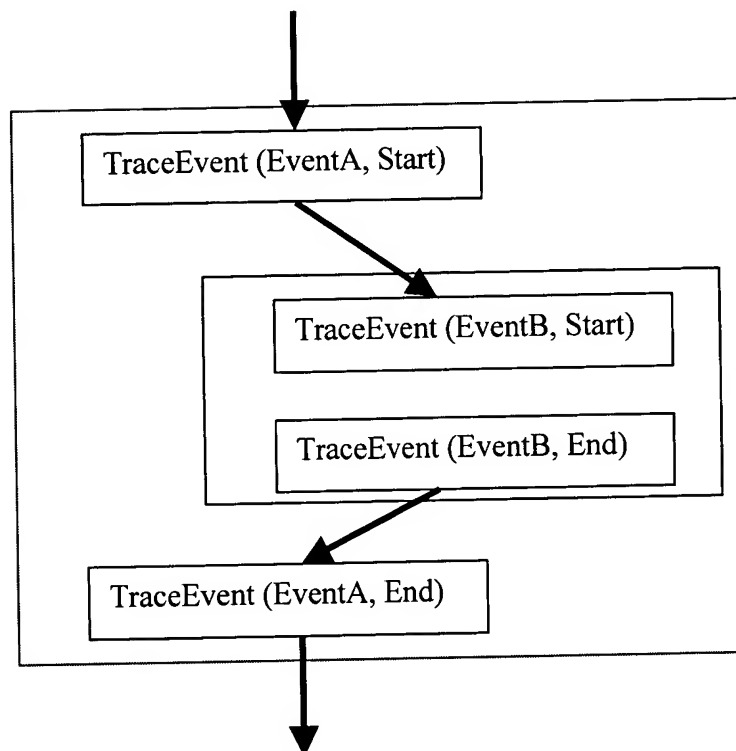


FIG. 4b

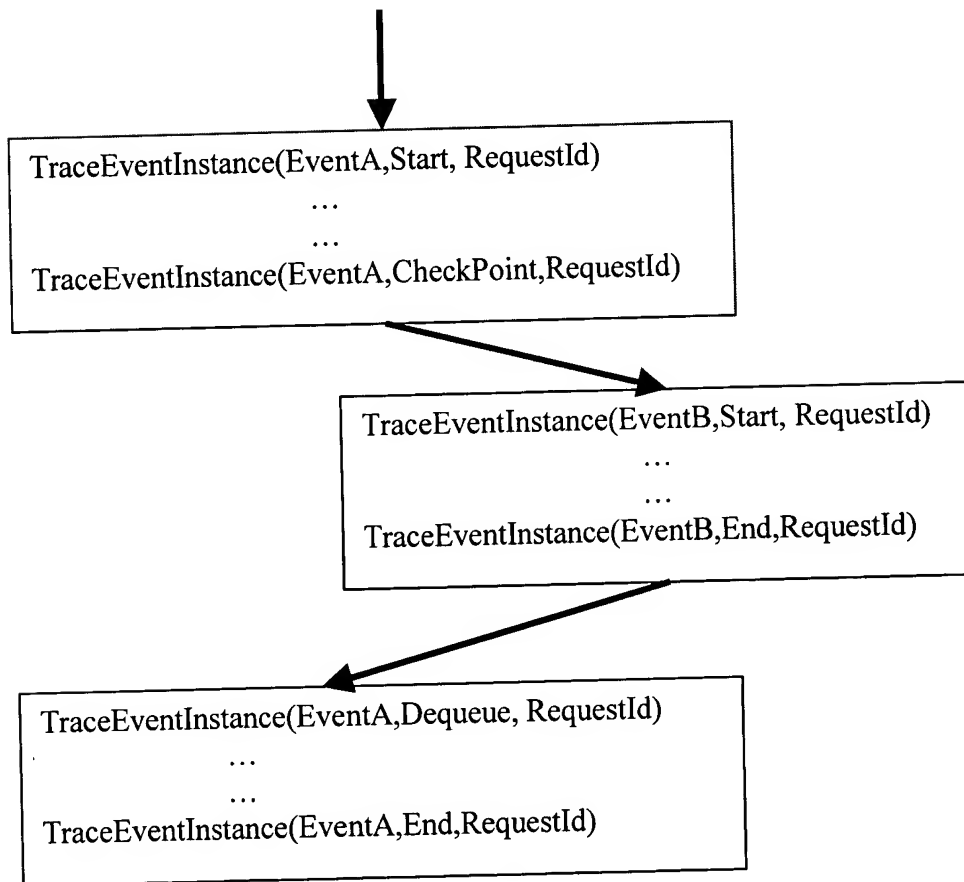


FIG. 4c

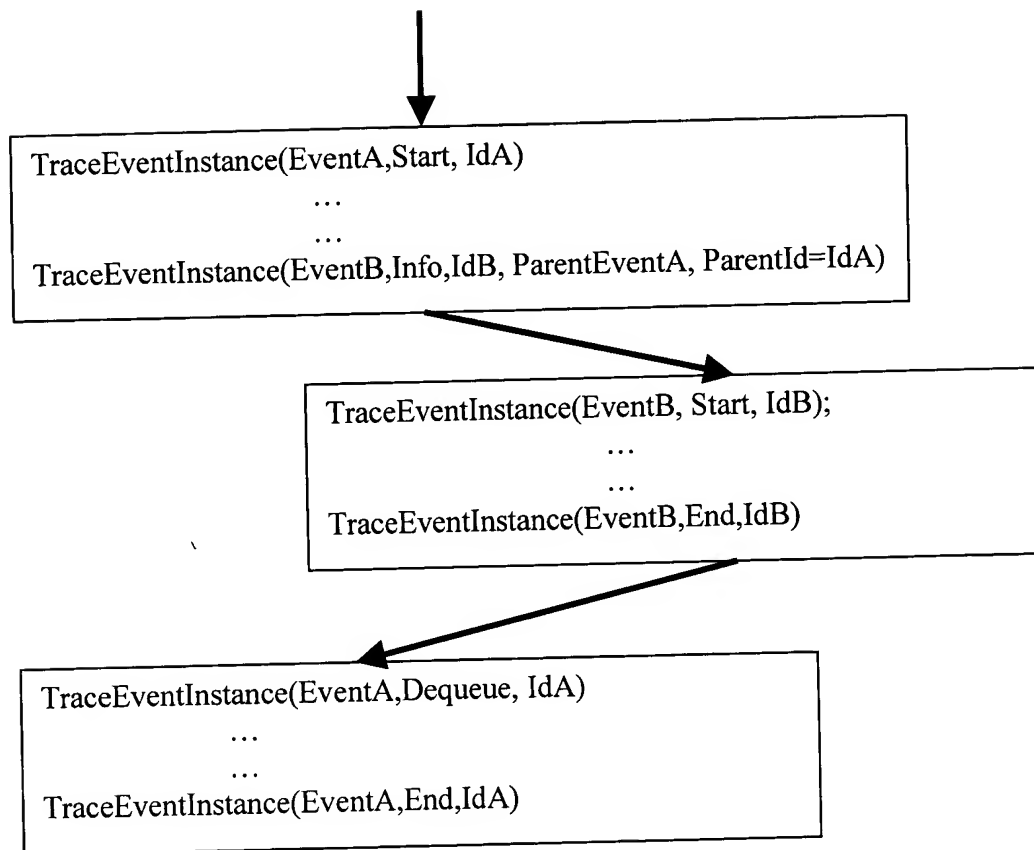


FIG. 4d

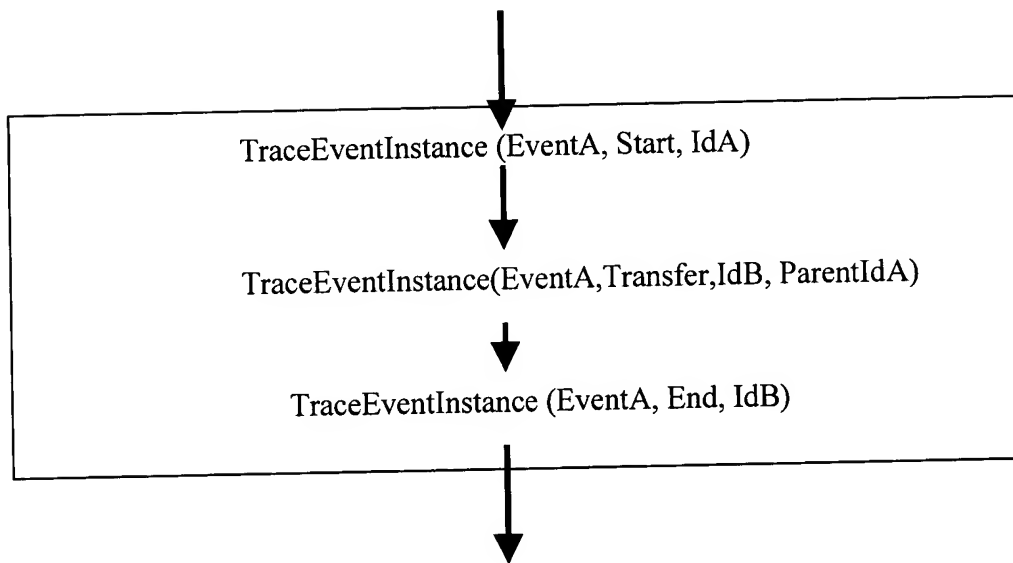
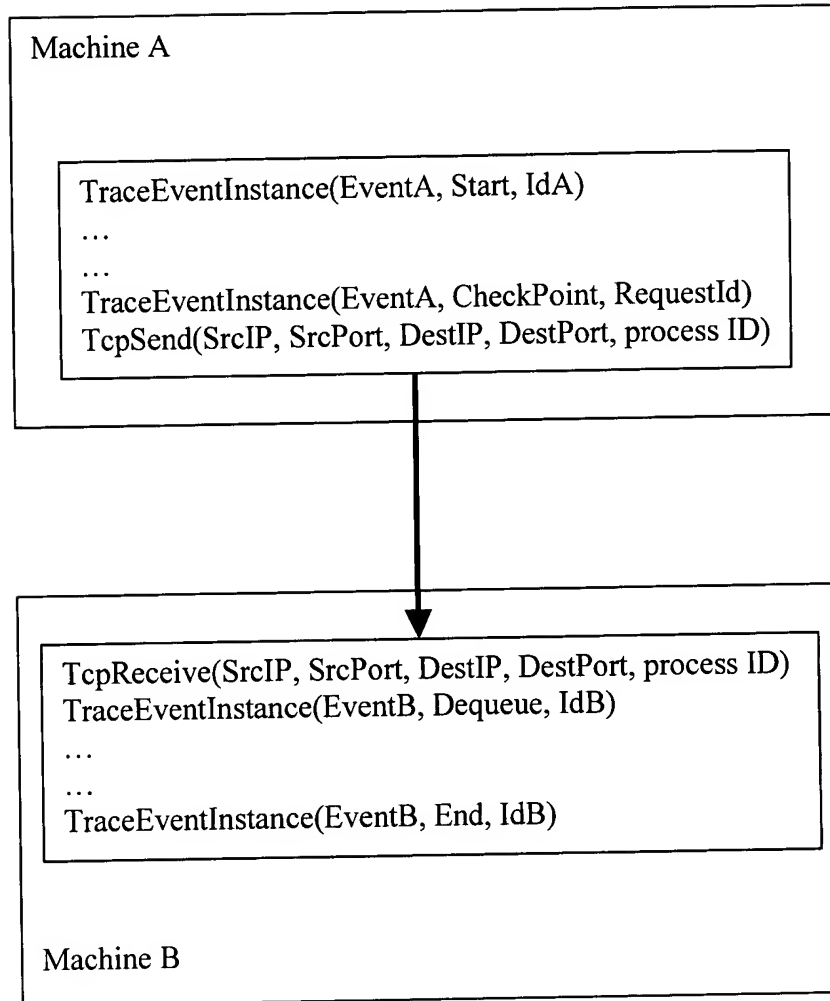
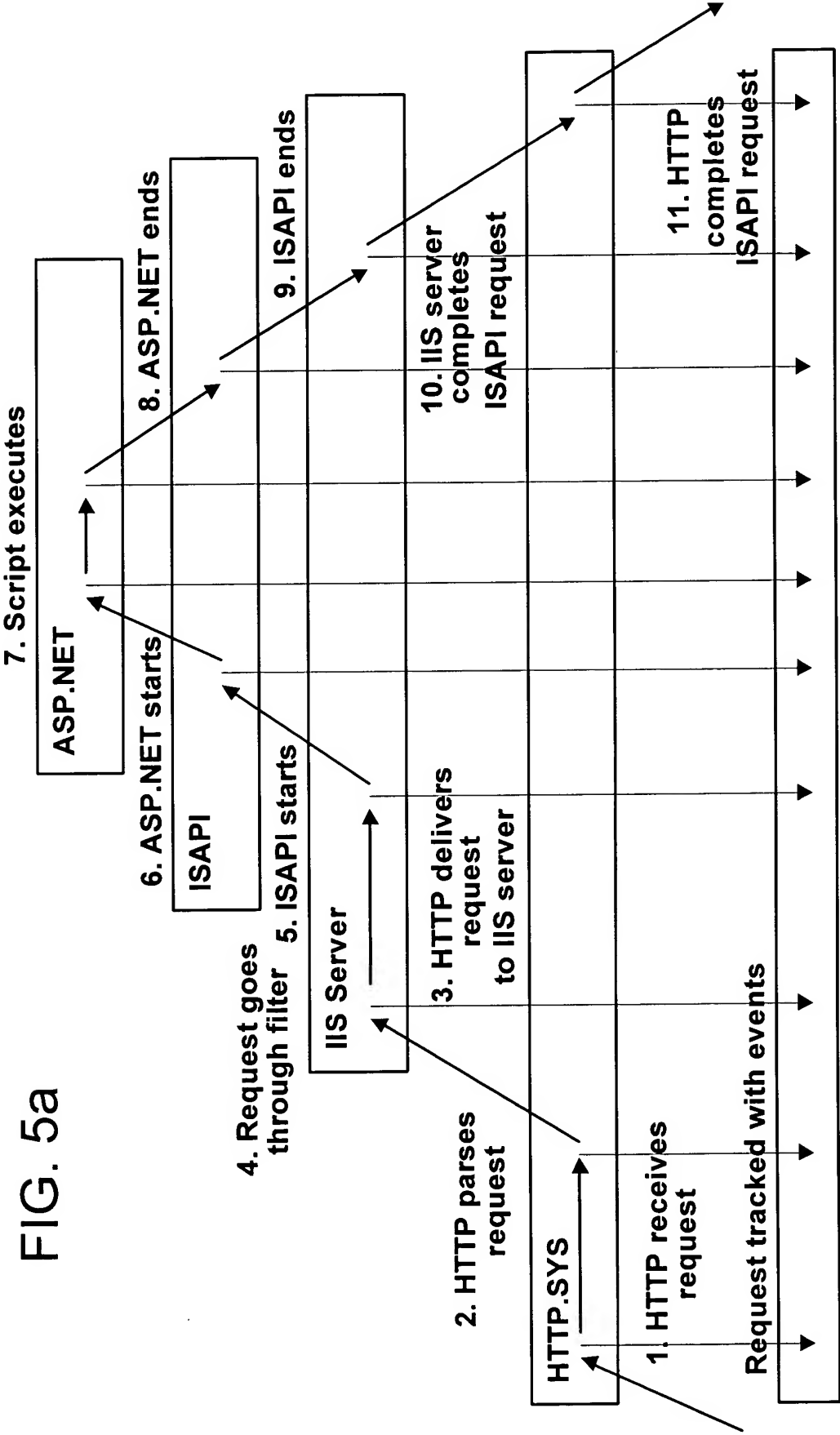


FIG. 4e

FIG. 4f





METHOD AND FRAMEWORK FOR TRACKING/LOGGING COMPLETION OF REQUESTS IN A COMPUTER SYSTEM

Melur K. Raghuraman, et al.

Attorney Docket No. 221317; Telephone: (312) 616-5600

Event Name	Type	TID	Client-Time	Kernel(ms)	User(ms)	User Data
EventTrace	Header	0x00000430	126749376058749508	600	1995	65536, 33620485, 3663, 4,
HttpReq	Start	0x000000C4	126749376059274156	3807375	0	0x87C12000, 194.200.28.250, 0, 0
HttpReq	Parse	0x000000C4	126749376059275039	3807375	0	0x87C12000, 4, "http://msdn.micrc
HttpReq	CachedEnd	0x000000C4	126749376059275478	3807375	0	0x87C12000, 1, 508, 0, 0
HttpReq	Start	0x0000009C	126749376059753604	3553530	0	0x8790F000, 195.58.111.103, 0, 0
HttpReq	Parse	0x0000009C	126749376059754285	3553530	0	0x8790F000, 4, "http://msdn.micrc
HttpReq	Deliver	0x0000009C	126749376059754630	3553530	0	0x8790F000, 4611780090911522819,
W3Server	Start	0x00000D70	126749376059755665	50985	77175	4611780090911522819, 0, 0
W3Filter	Start	0x00000D70	126749376059755947	50985	77175	4611780090911522819, 0, 0
W3Filter	End	0x00000D70	126749376059756705	50985	77175	4611780090911522819, 0, 0
W3Server	FileReq	0x00000D70	126749376059758118	50985	77175	4611780090911522819, 0, 0
HttpReq	RecvdResp	0x00000D70	126749376060003233	50985	77175	4611780090911522819, 0, 0
HttpReq	End	0x00000D70	126749376060004426	50985	77175	4611780090911522819, 0, 0
HttpReq	Start	0x000000A0	126749376060335927	3508425	0	0x88087000, 80,
HttpReq	Deliver	0x000000A0	126749376060345329	3508425	0	0x88087000, 80,
HttpReq	Start	0x0000009C	126749376060483305	3553530	53220	0x88087000, 46118335303756300355,
HttpReq	Parse	0x0000009C	126749376060483871	3553530	0	0x88087000, 46118335303756300355,
HttpReq	Deliver	0x0000009C	126749376060484181	3553530	0	0x88087000, 46118335303756300355,
HttpReq	Start	0x00000D70	126749376060484874	50985	77175	46118335303756300355,
HttpReq	Start	0x00000D70	126749376060485117	50985	77175	46118335303756300355,
HttpReq	End	0x00000D70	126749376060485824	50985	77175	46118335303756300355,
W3Isapi	Start	0x00000D70	126749376060487681	50985	77175	46118335303756300355,
AspReq	Start	0x00000D48	126749376060493086	983565	8018790	0x01294C20, 0, 0
AspReq	End	0x00000D48	126749376060511355	983565	8018790	0x01294C20, 0, 0
W3Isapi	End	0x00000D48	126749376060511581	983565	8018790	0x01294C20, 0, 0
HttpReq	FastResp	0x00000D70	126749376060512384	50985	77190	4611860293486641152, 0, 0
HttpReq	ZeroSend	0x00000D70	126749376060513546	50985	77190	4611860293486641152, 0, 0
W3Server	End	0x00000D70	126749376060513662	50985	77190	4611860293486641152, 0, 0
HttpReq	Start	0x000000A0	126749376060544765	3508425	0	0x87AEF000, 212.87.147.185, 0, 0
HttpReq	Parse	0x000000A0	126749376060545331	3508425	0	0x87AEF000, 4, "http://msdn.micrc
HttpReq	CachedEnd	0x000000A0	126749376060545592	3508425	0	0x87AEF000, 1, 3658, 0, 0

Request
Tracking ID

ASP request going through HTTP
driver, W3 Server, Filters, ISAPI, ASP

FIG. 5b

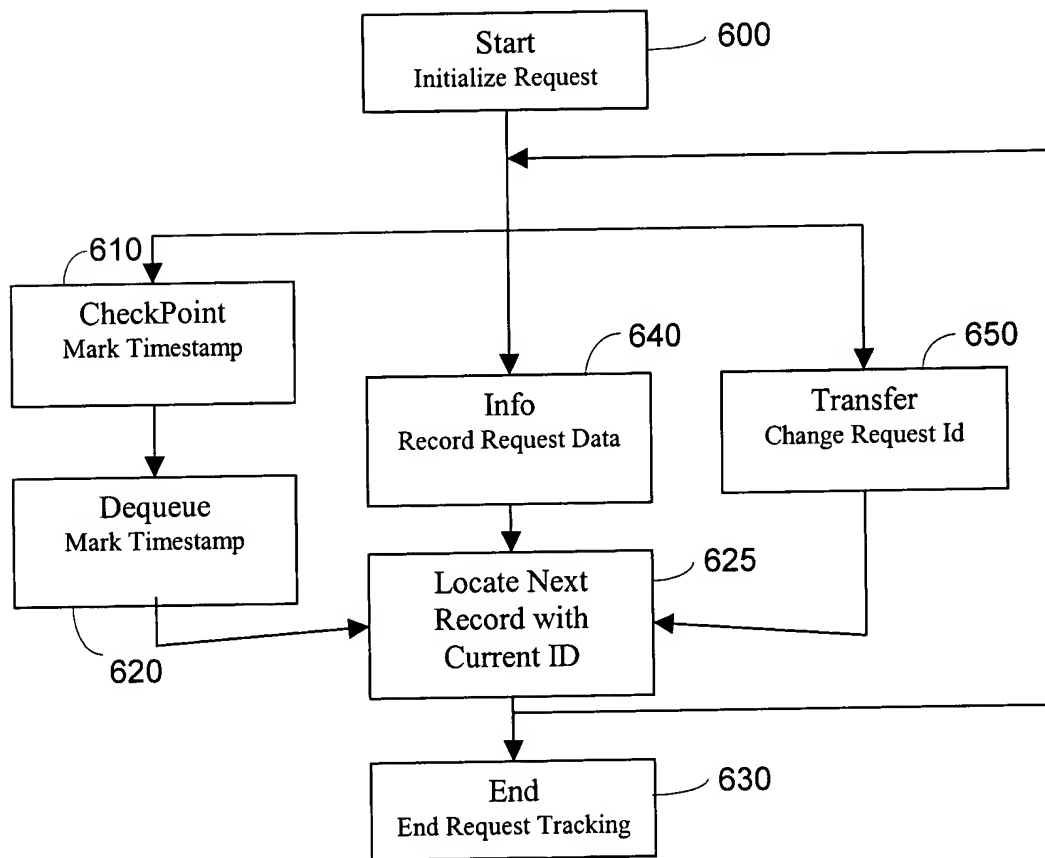


FIG. 6

```
<Request>
  <Event>
    <EventID> MyAppRequest </EventID>
    <EventType> Start </EventType>
    <TrackingID> RequestHandle </TrackingID>
  </Event>
  <Event>
    <EventID> ComponentA </EventID>
    <EventType> Start </EventType>
    <TrackingID> ThreadId </TrackingID>
  </Event>
  <Event>
    <EventID> TcpIp </EventID>
    <EventType> Send </EventType>
    <TrackingID> DestPort </TrackingID>
  </Event>
  <Event>
    <EventID> TcpIp </EventID>
    <EventType> Receive </EventType>
    <TrackingID> DestPort </TrackingID>
  </Event>
  <Event>
    <EventID> TcpIp </EventID>
    <EventType> Receive </EventType>
    <TrackingID> SourcePort </TrackingID>
  </Event>
  <Event>
    <EventID> ComponentB </EventID>
    <EventType> Start </EventType>
    <TrackingID> ThreadID </TrackingID>
  </Event>
  <Event>
    <EventID> ComponentB </EventID>
    <EventType> End </EventType>
    <TrackingID> ThreadID </TrackingID>
  </Event>
</Request>
```

FIG. 7a

```
<Request>
  <Name> Directory Scan </Name>
  <Event>
    <EventID>DirOpen</EventID>
    <EventType> Start </EventType>
    <TrackingID>FileHandle</TrackingID>
  </Event>
  <Event>
    <EventID>DirOpen</EventID>
    <EventType> End </EventType>
    <TrackingID>FileHandle</TrackingID>
  </Event>
  <Loop>
    <Event>
      <EventID>DirRead</EventID>
      <EventType> Start </EventType>
      <TrackingID>FileHandle</TrackingID>
    </Event>
    <Event>
      <EventID>DirRead</EventID>
      <EventType> End </EventType>
      <TrackingID>FileHandle</TrackingID>
    </Event>
  </Loop>
  <Event>
    <EventID>DirClose</EventID>
    <EventType> Start </EventType>
    <TrackingID>FileHandle</TrackingID>
  </Event>
  <Event>
    <EventID>DirClose</EventID>
    <EventType> End </EventType>
    <TrackingID>FileHandle</TrackingID>
  </Event>
</Request>
```

FIG. 7b

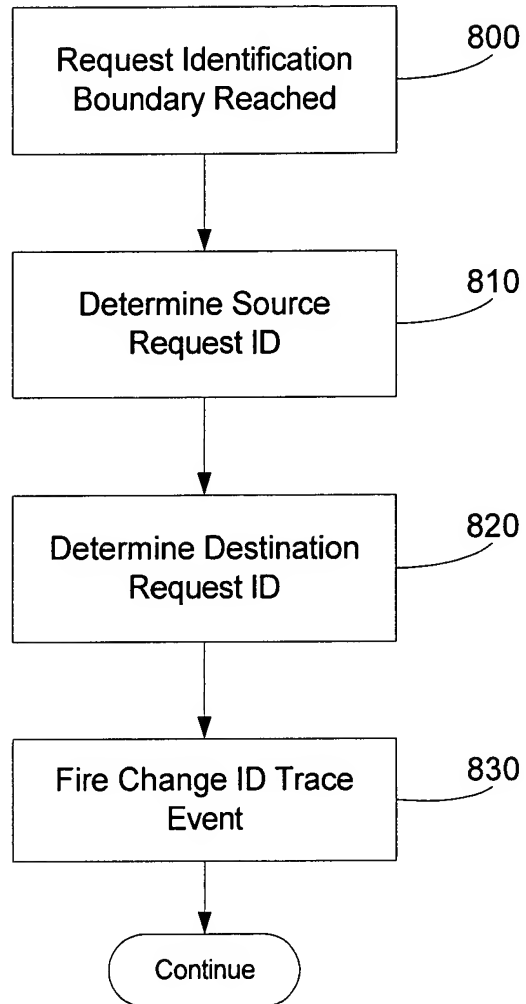


FIG. 8